

Contents

Volume 60 1990

Spring

Editorial

The orthodontic examination
David L. Turpin, DDS, MSD

Letters

What's new in dentistry?

Vincent G. Kokich, DDS, MSD

Feature Article

Evaluation of rare earth intensifying screens in cephalometric radiography
Vassilios Stathopoulos, DDS, MSD and Donald R. Poulton, DDS

Original Articles

Stability of anterior openbite treated with crib therapy

Greg J. Huang, DMD, MSD;
Roberto Justus, DC, FIS, MSD;
David B. Kennedy, MSD, FRCD; and
Vincent G. Kokich, DDS, MSD
Commentary by David M. Sarver, DMD, MS
Commentary by Lloyd E. Pearson, DDS

Load-deflection rate measurements of activated open and closed coil springs

Bryan F. Boshart, DDS, MS;
G. Frans Currier, DDS, MSD, MEd;
Ram S. Nanda, DDS, MS, PhD; and
Manville G. Duncanson, Jr., DDS PhD
Commentary by Robert J. Nikolai, PhD

Israeli cephalometric standards compared to Downs and Steiner analyses

Ruth Gleis, DMD;
Naphtali Bresniak, MD, DMD, MSD; and
Myron Lieberman, DDS, MS
Commentary by Richard A. Riedel

"Wits" appraisal in Southern Chinese children

Lisa L.Y. So, MDS, BDS;
P. Jane Davis, BDS, FDSRCS, DOrthRCS; and
Nigel M. King, MSc, BDS, LDSRCS

The morphology of canines in relation to preadjusted appliance

Nicholas Germane, DMD; Bruce Bentley, DDS;
Robert J. Isaacson, DDS, PhD; and
James H. Revere, Jr., DDS

The relationship between bite depth and incisor angular change

Brian B. Eberhart, DDS;
Mladen M. Kuftinec, DMD, ScD; and
Irena M. Baker, DMD

A new cephalometric parameter to aid in dental base relationship analysis

O.A. Sarhan, BDS, PhD

Special Article

"It was a fantastic experience", Part III
Norman Wahl, DDS, MS

Case Report

Case BC — Early identification and correction of transposed teeth

Daniel M. Yaillen, DMD, MSD

Summer

Editorial

The good old days — were they really so good? 83
David L. Turpin, DDS, MSD

What's new in dentistry?

Vincent G. Kokich, DDS, MSD

Feature Article

The timing of treatment for Class II malocclusions in children: a literature review 87

Gregory J. King, DMD, DMSc;
Stephen D. Keeling, DDS, MS;
Richard A. Hocevar, DMD; and
Timothy T. Wheeler, DMD, PhD

Original Articles

Stability of mandibular incisors following excessive proclination: a study in adults with surgically treated mandibular prognathism 99

Jon Artun, DDS, Dr Odont;
Olaf Krogstad, DDS, Dr Odont; and
Robert M. Little, DDS, MSD, PhD

Relationship between compliance by adolescent patients and performance on psychological tests 107

Antonio Cudalon III, DDS, MS; and
Richard J. Smith, DMD, PhD

Cephalometric evaluation of pharyngeal obstructive factors in patients with sleep apneas syndrome 115

William H. Bacon, DDS, DSO;
Jean Christophe Turlot; Jean Krieger, MD; and
Jean-Louise Stierle, MD

The dimensional stability of self-disinfecting alginate impressions compared to various immersion regimes 123

M.L. Jones, BDS, MSc, FDS, DOrth RCS, PhD;
R.G. Newcombe, MA, PhD;
H. Bellis, BDS, MScD, FDS, MOrth RCS; and
J. Bottomley, BDS, MScD, FDS, MOrth RCS

Special Article

Portrait of a Giant 129

John Kloehn, DDS

Case Reports

Rigid endosseous implant utilized as anchorage to protract molars and close an atrophic extraction site 135

W. Eugene Roberts, DDS, PhD;
Keith J. Marshall, DDS; and
Peter G. Mozsary, MUDR, DMD

Case Report DM

Orthodontic treatment enhances the use of endosseous implants to replace missing teeth 153

John C. Ive, DDS

Contents

Volume 60 1990

Spring

Editorial

The orthodontic examination
David L. Turpin, DDS, MSD

Letters

What's new in dentistry?

Vincent G. Kokich, DDS, MSD

Feature Article

Evaluation of rare earth intensifying screens in cephalometric radiography
Vassilios Stathopoulos, DDS, MSD and Donald R. Poulton, DDS

Original Articles

Stability of anterior openbite treated with crib therapy

Greg J. Huang, DMD, MSD;
Roberto Justus, DC, FIS, MSD;
David B. Kennedy, MSD, FRCD; and
Vincent G. Kokich, DDS, MSD
Commentary by David M. Sarver, DMD, MS
Commentary by Lloyd E. Pearson, DDS

Load-deflection rate measurements of activated open and closed coil springs

Bryan F. Boshart, DDS, MS;
G. Frans Currier, DDS, MSD, MEd;
Ram S. Nanda, DDS, MS, PhD; and
Manville G. Duncanson, Jr., DDS PhD
Commentary by Robert J. Nikolai, PhD

Israeli cephalometric standards compared to Downs and Steiner analyses

Ruth Gleis, DMD;
Naphtali Bresniak, MD, DMD, MSD; and
Myron Lieberman, DDS, MS
Commentary by Richard A. Riedel

"Wits" appraisal in Southern Chinese children

Lisa L.Y. So, MDS, BDS;
P. Jane Davis, BDS, FDSRCS, DOrthRCS; and
Nigel M. King, MSc, BDS, LDSRCS

The morphology of canines in relation to preadjusted appliance

Nicholas Germane, DMD; Bruce Bentley, DDS;
Robert J. Isaacson, DDS, PhD; and
James H. Revere, Jr., DDS

The relationship between bite depth and incisor angular change

Brian B. Eberhart, DDS;
Mladen M. Kuftinec, DMD, ScD; and
Irena M. Baker, DMD

A new cephalometric parameter to aid in dental base relationship analysis

O.A. Sarhan, BDS, PhD

Special Article

"It was a fantastic experience", Part III
Norman Wahl, DDS, MS

Case Report

Case BC — Early identification and correction of transposed teeth

Daniel M. Yaillen, DMD, MSD

Summer

Editorial

The good old days — were they really so good? 83
David L. Turpin, DDS, MSD

What's new in dentistry?

Vincent G. Kokich, DDS, MSD

Feature Article

The timing of treatment for Class II malocclusions in children: a literature review 87

Gregory J. King, DMD, DMSc;
Stephen D. Keeling, DDS, MS;
Richard A. Hocevar, DMD; and
Timothy T. Wheeler, DMD, PhD

Original Articles

Stability of mandibular incisors following excessive proclination: a study in adults with surgically treated mandibular prognathism 99

Jon Artun, DDS, Dr Odont;
Olaf Krogstad, DDS, Dr Odont; and
Robert M. Little, DDS, MSD, PhD

Relationship between compliance by adolescent patients and performance on psychological tests 107

Antonio Cudalon III, DDS, MS; and
Richard J. Smith, DMD, PhD

Cephalometric evaluation of pharyngeal obstructive factors in patients with sleep apneas syndrome

William H. Bacon, DDS, DSO;
Jean Christophe Turlot; Jean Krieger, MD; and
Jean-Louise Stierle, MD

The dimensional stability of self-disinfecting alginate impressions compared to various immersion regimes

M.L. Jones, BDS, MSc, FDS, DOrth RCS, PhD;
R.G. Newcombe, MA, PhD;
H. Bellis, BDS, MScD, FDS, MOrth RCS; and
J. Bottomley, BDS, MScD, FDS, MOrth RCS

Special Article

Portrait of a Giant

John Kloehn, DDS

Case Reports

Rigid endosseous implant utilized as anchorage to protract molars and close an atrophic extraction site 135

W. Eugene Roberts, DDS, PhD;
Keith J. Marshall, DDS; and
Peter G. Mozsary, MUDR, DMD

Case Report DM

Orthodontic treatment enhances the use of endosseous implants to replace missing teeth 153
John C. Ive, DDS

Fall

Editorial

- Computers coming on-line for diagnosis
and treatment planning 163
David L. Turpin, DDS, MSD

Letters

What's new in dentistry?

- Vincent G. Kokich, DDS, MSD

Review Article

- The long face syndrome and impairment of
the nasopharyngeal airway 167
Luc P.M. Tourne, DDS, MS

Original Articles

- Growth changes in the soft tissue facial profile 190
Ram S. Nanda, DDS, MS, PhD;
Hanspeter Meng, Dr Med Dent;
Sunil Kapila, BDS, MS; and
Jolande Goorhuis, Dr Med Dent
Commentary by Marshall R. Deeney, DDS 190

Development of the nose and soft
tissue profile

- Jeffrey Genecov, DDS, MSD;
Peter M. Sinclair, DDS, MSD; and
Paul C. Dechow, PhD 191

Predicting soft tissue profile changes
concurrent with orthodontic treatment

- Fumio Yegosaawa, DDS, DDS 199

Epidemiologic panorama of dental occlusion

- Nagwa Helmy El-Mangoury, BDS, MS, PhD; and
Yehya A. Mostafa, BDS, MS, PhD 207

A study of the relationship of maximal perioral
muscle pressure to tonic resting pressure using
a pneumohydraulic capillary infusion system 215

- Erwin C. Lubit, BA, DDS;
Mark A. Wallach, BS, DDS; and
Ronald Schwalb, DDS

Commentary by Robert N. Moore, DDS, PhD, EdD

Little influence on tooth position from
playing a wind instrument

- Therese Rindisbacher, DDS, Dr Med Dent;
Urs Hirschi, DDS, Dr Med Dent;
Bengt Ingervall, DDS, Odont Dr; and
Alfred Geering, DDS, Dr Med Dent 223

Rapid maxillary expansion in the treatment
of nocturnal enuresis

- Donald J. Timms, Consultant Orthodontist
Commentary by Robert J. Isaacson, DDS 229

Case Report

- Case Report A.J.: Premolar autotransplantation
eight years later 235
Straty E.G. Righellisi, DDS

Winter

Editorial

- More options with early treatment 243
David L. Turpin, DDS, MSD

Letters

What's new in dentistry?

- Vincent G. Kokich, DDS, MSD 245

Feature Article

Myofunctional and dentofacial relationships in
second grade children 247

- Alan M. Gross, PhD; Gloria D. Kellum, PhD;
Sue T. Hale, MCD; Stephen C. Messer, MA;
Brook A. Benson, MA; Siphon L. Sisakun, MA; and
F. Watt Bishop, DDS, MS
Commentary by Robert Rubin, DMD

Original Articles

Serial extraction of first premolars — postretention
evaluation of stability and relapse 255

- Robert M. Little, DDS, MSD, PhD;
Richard A. Riedel, DDS, MS; and
E. David Engst, DDS, MSD

Vertical changes in high mandibular plane cases
following enucleation of second premolars 263

- Mark Garlington, DDS; and Lee R. Logan, DDS
Commentary by Elbert King, DDS

Fracture strength of ceramic brackets:
a comparative study 269

- Daniel A. Flores, DDS; Joseph M. Caruso, DDS;
Garland E. Scott, PhD; and M. Toufic Jeiroudi, DDS

Orthodontic forces generated by a simulated
archwire appliance evaluated by the Finite
Element Method 277

- Pete G. Fotos, DDS, PhD;
Constantine C. Spyarakos, MS, PhD; and
Dennis O. Bernard, DDS, MSD

The effect of long-term deflection on permanent
deformation of Nickel-Titanium archwires 283

- John J. Hudgins, DDS, MS;
Michael D. Bagby, DDS, PhD; and
Leslie C. Erickson, DDS, MSD

Case Reports

Unusual supernumerary teeth 289

- Lisa L.Y. So, BDS, MDS

Case Report ES 293

- Roberto Justus, DDS

Case Report AE: Non-surgical correction of a severe
Class II malocclusion (Brodie Syndrome) 299

- Fumio Yegosaawa, DDS, DDS

Case Report MM: Surgical-orthodontic correction
of a bilateral buccal crossbite
(Brodie Syndrome) 305

- Doug Ramsay, DMD, MSD, PhD;
Terry R. Wallen, DDS, MSD; and
Dale S. Bloomquist, DDS, MSD

Index to Volume 60 312